

OIPE

RAW SEQUENCE LISTING

DATE: 11/21/2001

PATENT APPLICATION: US/09/731,126

TIME: 10:23:46

Input Set : A:\6755US01.txt

Output Set: N:\CRF3\11212001\I731126.raw

ENTERED

4 <110> APPLICANT: Abbott Laboratories
 5 Lou, Sheng C.
 6 Hunt, Jeffrey C.
 7 Konrath, John G.
 8 Qiu, Xiaoxing
 9 Scheffel, James W.
 10 Tyner, Joan D.
 12 <120> TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO HUMAN
 13 IMMUNODEFICIENCY VIRUS AND USES THEREOF
 16 <130> FILE REFERENCE: 6755.US.01
 18 <140> CURRENT APPLICATION NUMBER: 09/731,126
 19 <141> CURRENT FILING DATE: 2000-12-06
 21 <160> NUMBER OF SEQ ID NOS: 9
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 28
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Human Immunodeficiency Virus
 30 <400> SEQUENCE: 1
 31 Cys Gln Ala Ala Met Gln Met Leu Lys Glu Thr Ile Asn Glu Glu Ala
 32 1 5 10 15
 33 Ala Glu Trp Asp Arg Val His Pro Val His Ala Gly
 34 20 25
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 28
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Human Immunodeficiency Virus
 42 <400> SEQUENCE: 2
 43 Cys Gln Gly Ala Leu Gln Val Leu Lys Glu Val Ile Asn Glu Glu Ala
 44 1 5 10 15
 45 Ala Asp Trp Asp Arg Ser His Pro Pro Val Val Gly
 46 20 25
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 27
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Human Immunodeficiency Virus
 54 <400> SEQUENCE: 3
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 57 Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu Gln
 58 20 25
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 27
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Human Immunodeficiency Virus
 66 <400> SEQUENCE: 4
 67 Cys Leu Asp Ile Lys Gln Gly Pro Lys Glu Pro Pro Arg Asp Tyr Val

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68 1 5 10 15
69 Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu Gln
70 20 25
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 20
75 <212> TYPE: PRT
76 <213> ORGANISM: Human Immunodeficiency Virus
78 <400> SEQUENCE: 5
79 Cys Lys Thr Ile Leu Lys Ala Leu Gly Pro Ala Ala Thr Leu Glu Glu
80 1 5 10 15
81 Met Met Thr Ala
82 20
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 20
87 <212> TYPE: PRT
88 <213> ORGANISM: Human Immunodeficiency Virus
90 <400> SEQUENCE: 6
91 Cys Lys Gln Ile Leu Lys Ala Leu Gly Pro Gly Ala Thr Leu Glu Glu
92 1 5 10 15
93 Met Met Val Ala
94 20
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 232
99 <212> TYPE: PRT
100 <213> ORGANISM: Human Immunodeficiency Virus
102 <400> SEQUENCE: 7
103 Pro Val Val Pro Asn Ala Gln Gly Gln Met Ile His Gln Ala Leu Ser
104 1 5 10 15
105 Pro Arg Thr Leu Asn Ala Trp Val Lys Ala Val Glu Glu Lys Ala Phe
106 20 25 30
107 Asn Pro Glu Ile Ile Pro Met Phe Met Ala Leu Ser Glu Gly Ala Ile
108 35 40 45
109 Pro Tyr Asp Ile Asn Ile Met Leu Asn Ala Ile Gly Gly His Gln Gly
110 50 55 60
111 Ala Leu Gln Val Leu Lys Glu Val Ile Asn Glu Glu Ala Ala Asp Trp
112 65 70 75 80
113 Asp Arg Ser His Pro Pro Val Val Gly Pro Leu Pro Pro Gly Gln Ile
114 85 90 95
115 Arg Glu Pro Thr Gly Ser Asp Ile Ala Gly Thr Thr Ser Thr Gln Gln
116 100 105 110
117 Glu Gln Val His Trp Ile Thr Arg Ala Asn His Pro Val Pro Val Gly
118 115 120 125
119 Asp Ile Tyr Arg Lys Trp Ile Val Leu Gly Leu Asn Lys Met Val Lys
120 130 135 140
121 Met Tyr Ser Pro Val Ser Ile Leu Asp Ile Lys Gln Gly Pro Lys Glu
122 145 150 155 160
123 Pro Phe Arg Asp Tyr Val Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu
124 165 170 175
125 Gln Ala Ile Gln Asp Val Lys Asn Trp Met Thr Glu Thr Leu Leu Val

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126          180          185          190
127 Gln Asn Ala Asn Pro Asp Cys Lys Gln Ile Leu Lys Ala Leu Gly Pro
128          195          200          205
129 Gly Ala Thr Leu Glu Glu Met Met Val Ala Cys Gln Gly Val Gly Gly
130          210          215          220
131 Pro Thr His Lys Ala Lys Leu Leu
132 225          230
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 231
137 <212> TYPE: PRT
138 <213> ORGANISM: Human Immunodeficiency Virus
140 <400> SEQUENCE: 8
141 Pro Ile Val Gln Asn Ile Gln Gly Gln Met Val His Gln Ala Ile Ser
142 1          5          10          15
143 Pro Arg Thr Leu Asn Ala Trp Val Lys Val Val Glu Glu Lys Ala Phe
144          20          25          30
145 Ser Pro Glu Val Ile Pro Met Phe Ser Ala Leu Ser Glu Gly Ala Thr
146          35          40          45
147 Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val Gly Gly His Gln Ala
148          50          55          60
149 Ala Met Gln Met Leu Lys Glu Thr Ile Asn Glu Glu Ala Ala Glu Trp
150 65          70          75          80
151 Asp Arg Val His Pro Val His Ala Gly Pro Ile Ala Pro Gly Gln Met
152          85          90          95
153 Arg Glu Pro Arg Gly Ser Asp Ile Ala Gly Thr Thr Ser Thr Leu Gln
154          100         105         110
155 Glu Gln Ile Gly Trp Met Thr Asn Pro Pro Ile Pro Val Gly Glu
156          115         120         125
157 Ile Tyr Lys Arg Trp Ile Ile Leu Gly Leu Asn Lys Ile Val Arg Met
158          130         135         140
159 Tyr Ser Pro Thr Ser Ile Leu Asp Ile Arg Gln Gly Pro Lys Glu Pro
160 145         150         155         160
161 Phe Arg Asp Tyr Val Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu Gln
162          165         170         175
163 Ala Ser Gln Glu Val Lys Asn Trp Met Thr Glu Thr Leu Leu Val Gln
164          180         185         190
165 Asn Ala Asn Pro Asp Cys Lys Thr Ile Leu Lys Ala Leu Gly Pro Ala
166          195         200         205
167 Ala Thr Leu Glu Glu Met Met Thr Ala Cys Gln Gly Val Gly Gly Pro
168          210         215         220
169 Gly His Lys Ala Arg Val Leu
170 225         230
173 <210> SEQ ID NO: 9
174 <211> LENGTH: 229
175 <212> TYPE: PRT
176 <213> ORGANISM: Human Immunodeficiency Virus
178 <400> SEQUENCE: 9
179 Val Gln Gln Ala Gly Gly Asn Tyr Ile His Val Pro Leu Ser Pro Arg
180 1          5          10          15

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181 Thr Leu Asn Ala Trp Val Lys Leu Val Glu Glu Lys Lys Phe Gly Ala
182          20          25          30
183 Glu Val Val Pro Gly Phe Gln Ala Leu Ser Glu Gly Cys Thr Pro Tyr
184          35          40          45
185 Asp Ile Asn Gln Met Leu Asn Cys Val Gly Asp His Gln Ala Ala Met
186          50          55          60
187 Gln Ile Ile Arg Glu Ile Ile Asn Glu Glu Ala Ala Asp Trp Asp Ala
188 65          70          75          80
189 Gln His Pro Ile Pro Gly Pro Leu Pro Ala Gly Gln Leu Arg Asp Pro
190          85          90          95
191 Arg Gly Ser Asp Ile Ala Gly Thr Thr Ser Thr Val Asp Glu Gln Ile
192          100          105          110
193 Gln Trp Met Tyr Arg Gln Pro Asn Pro Val Pro Val Gly Asn Ile Tyr
194          115          120          125
195 Arg Arg Trp Ile Gln Ile Gly Leu Gln Lys Cys Val Arg Met Tyr Asn
196          130          135          140
197 Pro Thr Asn Ile Leu Asp Val Lys Gln Gly Pro Lys Glu Ser Phe Gln
198 145          150          155          160
199 Ser Tyr Val Asp Arg Phe Tyr Lys Ser Leu Arg Ala Glu Gln Thr Asp
200          165          170          175
201 Pro Ala Val Lys Asn Trp Met Thr Gln Thr Leu Leu Ile Gln Asn Ala
202          180          185          190
203 Asn Pro Asp Cys Lys Leu Val Leu Lys Gly Leu Gly Met Asn Pro Thr
204          195          200          205
205 Leu Glu Glu Met Leu Thr Ala Cys Gln Gly Val Gly Gly Pro Ser Gln
206          210          215          220
207 Lys Ala Arg Leu Met
208 225

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VERIFICATION SUMMARY

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